

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2083497
<b>Application Number:</b>	10524814
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	1997
<b>Title of Invention:</b>	Atomic layer deposition of high-k metal oxides
<b>First Named Inventor/Applicant Name:</b>	Sang-In Lee
<b>Customer Number:</b>	32940
<b>Filer:</b>	Maria S. Swiatek/Deborah Carney
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<b>Application Type:</b>	U.S. National Stage under 35 USC 371

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Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	067538-5170_IDS.pdf	237216 <small>791108b65d264b2c7b57b57137a24c3d7 90258bae</small>	no	5

### Warnings:

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<b>Information:</b>					
This is not an USPTO supplied IDS fillable form					
2	Foreign Reference	67538-5170_EP_Ref.pdf	634278 3b90aed1cd879bc022113ca37ee013c55657a05c	no	10
<b>Warnings:</b>					
<b>Information:</b>					
3	Foreign Reference	67538-5170_KR_Ref.pdf	612568 ca1a52eb7827d9e1dca4578015c1c08ff923cd2	no	8
<b>Warnings:</b>					
<b>Information:</b>					
4	Foreign Reference	67538-5170_WO_Ref.pdf	1604029 10d3d545572864805d27181bfce4fc2b24544b	no	50
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	67538-5170_Hausmann_Ref.pdf	940420 14f620c46af8b0b330b1b6d23bc0f2005636191	no	11
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	067538-5170_KUKLI_Ref.pdf	434802 94b1d95c75c4a797c763562cbcdcf0994bc0aa80	no	6
<b>Warnings:</b>					
<b>Information:</b>					
7	NPL Documents	67538-5170_PCT25739_Ref.pdf	231077 a1e9eb07934595050490c09812785b052ca29b5a5	no	4
<b>Warnings:</b>					
<b>Information:</b>					
8	NPL Documents	67538-5170_PCT25738_Ref.pdf	259214 7a21eb3952eb48d991c7923c0c5c0c949d19a8a	no	4
<b>Warnings:</b>					
<b>Information:</b>					
9	NPL Documents	67538-5170_PCT26083_Ref.pdf	328187 eeefc19db83ae0c060bbcb37995fb74a353a7af0c4e	no	5
<b>Warnings:</b>					
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10	NPL Documents	67538-5170_OA_Ref.pdf	350698 <small>74ba859db3b29790c3ee4b4a2381dc32ae4556</small>	no	7
Warnings:					
Information:					
11	NPL Documents	67538-5170_GORDON_Ref.pdf	246935 <small>dc44a0edf5d1509521403ca15159720517123876</small>	no	2
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Total Files Size (in bytes):			5879424		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					